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NEWS  1            Web Page URLs for STN Seminar Schedule - N. America
NEWS  2            "Ask CAS" for self-help around the clock
NEWS  3   OCT 23   The Derwent World Patents Index suite of databases on STN
                   has been enhanced and reloaded
NEWS  4   OCT 30   CHEMLIST enhanced with new search and display field
NEWS  5   NOV 03   JAPIO enhanced with IPC 8 features and functionality
NEWS  6   NOV 10   CA/CAplus F-Term thesaurus enhanced
NEWS  7   NOV 10   STN Express with Discover! free maintenance release Version
                   8.01c now available
NEWS  8   NOV 20   CAS Registry Number crossover limit increased to 300,000 in
                   additional databases
NEWS  9   NOV 20   CA/CAplus to MARPAT accession number crossover limit
increased
                   to 50,000
NEWS 10   DEC 01   CAS REGISTRY updated with new ambiguity codes
NEWS 11   DEC 11   CAS REGISTRY chemical nomenclature enhanced
NEWS 12   DEC 14   WPIDS/WPINDEX/WPIX manual codes updated
NEWS 13   DEC 14   GBFULL and FRFULL enhanced with IPC 8 features and
                   functionality
NEWS 14   DEC 18   CA/CAplus pre-1967 chemical substance index entries enhanced
                   with preparation role
NEWS 15   DEC 18   CA/CAplus patent kind codes updated
NEWS 16   DEC 18   MARPAT to CA/CAplus accession number crossover limit
increased
                   to 50,000
NEWS 17   DEC 18   MEDLINE updated in preparation for 2007 reload
NEWS 18   DEC 27   CA/CAplus enhanced with more pre-1907 records
NEWS 19   JAN 08   CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS 20   JAN 16   CA/CAplus Company Name Thesaurus enhanced and reloaded
NEWS 21   JAN 16   IPC version 2007.01 thesaurus available on STN
NEWS 22   JAN 16   WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS 23   JAN 22   CA/CAplus updated with revised CAS roles
NEWS 24   JAN 22   CA/CAplus enhanced with patent applications from India

NEWS EXPRESS   NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT
               MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
               AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

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NEWS LOGIN     Welcome Banner and News Items
NEWS IPC8      For general information regarding STN implementation of IPC 8
NEWS X25       X.25 communication option no longer available
```

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specific topic.

* * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *.

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=> file registry
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                                               ENTRY          SESSION
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DICTIONARY FILE UPDATES:  25 JAN 2007  HIGHEST RN 918475-45-3

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REGISTRY includes numerically searchable data for experimental and
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experimental property data in the original document.  For information
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http://www.cas.org/ONLINE/UG/regprops.html

=> s 'Glp'GVCCGYKLCH'Hyp'C/sqsp
L1            6 'GLP'GVCCGYKLCH'HYP'C/SQSP

=> d CN SQL SEQ L1 1-6

L1   ANSWER 1 OF 6  REGISTRY  COPYRIGHT 2007 ACS on STN   ·
CN   L-Cysteinamide, 5-oxo-D-prolylglycyl-L-valyl-L-cysteinyl-L-
cysteinylglycyl-
     L-tyrosyl-L-lysyl-L-leucyl-L-cysteinyl-L-histidyl-(4R)-4-hydroxy-L-prolyl-
     , cyclic (4.fwdarw.13),(5.fwdarw.10)-bis(disulfide) (9CI)   (CA INDEX NAME)
SQL  13

SEQ     1 XGVCCGYKLC HXC
          ========== ===
HITS AT:   1-13

**RELATED SEQUENCES AVAILABLE WITH SEQLINK**

L1   ANSWER 2 OF 6  REGISTRY  COPYRIGHT 2007 ACS on STN
CN   L-Cysteine, 5-oxo-D-prolylglycyl-L-valyl-L-cysteinyl-L-cysteinylglycyl-L-
     tyrosyl-L-lysyl-L-leucyl-L-cysteinyl-L-histidyl-(4R)-4-hydroxy-L-prolyl-,
     cyclic (4.fwdarw.13),(5.fwdarw.10)-bis(disulfide) (9CI)   (CA INDEX NAME)

OTHER NAMES:
CN    133: PN: WO2004050688 SEQID: 144 claimed protein
SQL  13

SEQ      1 XGVCCGYKLC HXC
           ========== ===
HITS AT:    1-13

**RELATED SEQUENCES AVAILABLE WITH SEQLINK**

L1   ANSWER 3 OF 6  REGISTRY  COPYRIGHT 2007 ACS on STN
CN   L-Cysteine, 5-oxo-L-prolylglycyl-L-valyl-L-cysteinyl-L-cysteinylglycyl-L-
     tyrosyl-L-lysyl-L-leucyl-L-cysteinyl-L-histidyl-(4R)-4-hydroxy-L-prolyl-,
     cyclic (4.fwdarw.13),(5.fwdarw.10)-bis(disulfide) (9CI)  (CA INDEX NAME)
OTHER NAMES:
CN    131: PN: WO2004050688 SEQID: 142 claimed protein
SQL  13

SEQ      1 XGVCCGYKLC HXC
           ========== ===
HITS AT:    1-13

**RELATED SEQUENCES AVAILABLE WITH SEQLINK**

L1   ANSWER 4 OF 6  REGISTRY  COPYRIGHT 2007 ACS on STN
CN   L-Cysteinamide, 5-oxo-L-prolylglycyl-L-valyl-L-cysteinyl-L-
cysteinylglycyl-
     O-methyl-L-tyrosyl-L-lysyl-L-leucyl-L-cysteinyl-L-histidyl-(4R)-4-hydroxy-
     L-prolyl-, cyclic (4.fwdarw.13),(5.fwdarw.10)-bis(disulfide) (9CI)  (CA
     INDEX NAME)
SQL  13

SEQ      1 XGVCCGYKLC HXC
           ========== ===
HITS AT:    1-13

**RELATED SEQUENCES AVAILABLE WITH SEQLINK**

L1   ANSWER 5 OF 6  REGISTRY  COPYRIGHT 2007 ACS on STN
CN   D-Cysteinamide, 5-oxo-L-prolylglycyl-L-valyl-L-cysteinyl-L-
cysteinylglycyl-
     L-tyrosyl-L-lysyl-L-leucyl-L-cysteinyl-L-histidyl-(4R)-4-hydroxy-L-prolyl-
     , cyclic (5.fwdarw.10)-disulfide (9CI)  (CA INDEX NAME)
SQL  13

SEQ      1 XGVCCGYKLC HXC
           ========== ===
HITS AT:    1-13

**RELATED SEQUENCES AVAILABLE WITH SEQLINK**

L1   ANSWER 6 OF 6  REGISTRY  COPYRIGHT 2007 ACS on STN
CN   L-Cysteinamide, 5-oxo-L-prolylglycyl-L-valyl-L-cysteinyl-L-
cysteinylglycyl-
     L-tyrosyl-L-lysyl-L-leucyl-L-cysteinyl-L-histidyl-(4R)-4-hydroxy-L-prolyl-
     , cyclic (4.fwdarw.13),(5.fwdarw.10)-bis(disulfide) (9CI)  (CA INDEX NAME)
SQL  13

SEQ      1 XGVCCGYKLC HXC
           ========== ===
HITS AT:    1-13

**RELATED SEQUENCES AVAILABLE WITH SEQLINK**

```
=> file CAPLUS
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                ENTRY        SESSION
FULL ESTIMATED COST                             73.15         73.36

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=> s L1 and PATENT/dt
           2 L1
     5579097 PATENT/DT
L2           2 L1 AND PATENT/DT

=> d L2 1-2 bib abs

L2    ANSWER 1 OF 2  CAPLUS  COPYRIGHT 2007 ACS on STN
AN    2004:493731  CAPLUS
DN    141:47381
TI    Therapeutic .chi.-conotoxin peptides (-I)
IN    Lewis, Richard James; Alewood, Paul Francis; Alewood, Dianne; Palant, Elka
PA    Xenome Ltd., Australia
SO    PCT Int. Appl., 57 pp.
      CODEN: PIXXD2
DT    Patent
LA    English
FAN.CNT 1
      PATENT NO.          KIND    DATE      APPLICATION NO.         DATE
      ---------------     ----  --------   --------------------   --------
PI    WO 2004050690        A1    20040617   WO 2003-AU1605          20031202
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO,
             NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,
             TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
             BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
             ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
             TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
      CA 2508129           A1    20040617   CA 2003-2508129         20031202
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        AU 2003302609      A1    20040623   AU 2003-302609           20031202
        EP 1572725         A1    20050914   EP 2003-812100           20031202
           R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
               IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
        JP 2006523181      T     20061012   JP 2004-555869           20031202
        US 2006142201      A1    20060629   US 2005-537704           20051212
PRAI US 2002-430306P       P     20021202
     WO 2003-AU1605        W     20031202
OS   MARPAT 141:47381
AB   The invention discloses an isolated, synthetic or recombinant
     .chi.-conotoxin peptide comprising the sequence Xaa1-Xaa2-Gly-Val-Cys-Cys-
     Gly-Tyr-Lys-Leu-Cys-His-Pro-Cys (Xaa1 = N-terminal pyroglutamate,
     D-pyroglutamate; Xaa2 = Asn, deletion; or such a sequence in which
     .gtoreq.1 Cys is replaced with corresponding D-amino acid and/or one or
     more amino acid residues other than Cys has undergone a side chain
     modification), or a salt, ester, amide or prodrug thereof.  The invention
     also discloses pharmaceutical compns. comprising these peptides, as well
     as the use of these peptides in the prophylaxis or treatment of
     conditions, such as, but not limited to, pain, inflammation, incontinence,
     cardiovascular conditions, and mood disorders.
RE.CNT  2     THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT


L2   ANSWER 2 OF 2  CAPLUS   COPYRIGHT 2007 ACS on STN
AN   2004:493729  CAPLUS
DN   141:47357
TI   Neuronal amine transporter-inhibiting .chi.-conotoxin peptides (-II)
IN   Lewis, Richard James; Alewood, Paul Francis; Alewood, Dianne; Palant, Elka
PA   Xenome Ltd., Australia
SO   PCT Int. Appl., 156 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.          KIND   DATE       APPLICATION NO.          DATE
     --------------      ----   --------   ---------------------    --------
PI   WO 2004050688       A1     20040617   WO 2003-AU1606           20031202
        W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
            CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
            GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
            LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO,
            NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ,
            TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
        RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
            BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
            ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
            TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
        AU 2003302610      A1     20040623   AU 2003-302610           20031202
        EP 1578787         A1     20050928   EP 2003-812101           20031202
           R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
               IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
        US 2006270832      A1     20061130   US 2005-537088           20051227
PRAI US 2002-430307P       P      20021202
     WO 2003-AU1606        W      20031202
OS   MARPAT 141:47357
AB   An isolated, synthetic or recombinant .chi.-conotoxin peptide having the
     ability to inhibit neuronal amine transporter comprises
     Cys-Cys-Gly-Tyr-Lys-Leu-Cys-Xaa5-Xaa6-Cys (Xaa5, Xaa6 = absent or any
     amino acid residue except Cys, or a sequence in which Gly, Tyr, Lys or Leu
     are subject to conservative amino acid substitution or side chain
     modification; with proviso), or a salt, ester, amide, prodrug or cyclized
     deriv. thereof.
RE.CNT  2     THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
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=> file biosis embase medline
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|---|---|---|
| FULL ESTIMATED COST | 8.61 | 81.97 |

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|---|---|---|
| CA SUBSCRIBER PRICE | -1.56 | -1.56 |

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=> s L2
L3          0 L2

=> s L1
L4          0 L1

=> FIL REGISTRY
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| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 3.51 | 85.48 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| CA SUBSCRIBER PRICE | 0.00 | -1.56 |

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http://www.cas.org/ONLINE/UG/regprops.html

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RN    701909-64-0  REGISTRY

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RN    701909-63-9  REGISTRY

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RN    701909-62-8  REGISTRY

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RN    701909-59-3  REGISTRY

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RN    701909-57-1  REGISTRY

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RN    701909-59-3  REGISTRY

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RN    701909-58-2  REGISTRY

L1    ANSWER 6 OF 6  REGISTRY   COPYRIGHT 2007 ACS on STN
RN    701909-57-1  REGIST

=> DIS L1 1- RN
YOU HAVE REQUESTED DATA FROM 6 ANSWERS - CONTINUE? Y/(N):Y
THE ESTIMATED COST FOR THIS REQUEST IS 1.32 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:Y   ,

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RN    701909-64-0  REGISTRY

L1    ANSWER 2 OF 6  REGISTRY   COPYRIGHT 2007 ACS on STN
RN    701909-63-9  REGISTRY

L1    ANSWER 3 OF 6  REGISTRY   COPYRIGHT 2007 ACS on STN
RN    701909-62-8  REGISTRY

L1    ANSWER 4 OF 6  REGISTRY   COPYRIGHT 2007 ACS on STN
RN    701909-59-3  REGISTRY

L1    ANSWER 5 OF 6  REGISTRY   COPYRIGHT 2007 ACS on STN
RN    701909-58-2  REGISTRY

L1    ANSWER 6 OF 6  REGISTRY   COPYRIGHT 2007 ACS on STN
RN    701909-57-1  REGISTRY

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=> s L-Cysteine, 5-oxo-D-prolylglycyl-L-valyl-L-cysteinyl-L-cysteinylglycyl-L-
tyrosyl-L-lysyl-L-leucyl-L-cysteinyl-L-histidyl-(4R)-4-hydroxy-L-prolyl-,
cyclic (4.fwdarw.13),(5.fwdarw.10)-bis(disulfide)
MISSING OPERATOR '-HISTIDYL-(4R'

=> s 701909-69-0
L5            0 701909-69-0

=> s 701909-63-9
L6            1 701909-63-9
               (701909-63-9/RN)

=> d L6 1 bib abs
'BIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'
'ABS' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

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fields or predefined formats.  The predefined substance formats
are:  (RN = CAS Registry Number)

REG    - RN
SAM    - Index Name, MF, and structure - no RN
FIDE   - All substance data, except sequence data
IDE    - FIDE, but only 50 names
SQIDE  - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQD    - Protein sequence data, includes RN
SQD3   - Same as SQD, but 3-letter amino acid codes are used
SQN    - Protein sequence name information, includes RN

CALC   - Table of calculated properties
EPROP  - Table of experimental properties
PROP   - EPROP and CALC

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obtain CA references citing the substance.  The substance formats
must be cited first.  The CA File predefined formats are:

ABS  -- Abstract
APPS -- Application and Priority Information
BIB  -- CA Accession Number, plus Bibliographic Data
CAN  -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IND  -- Index Data
IPC  -- International Patent Classification
PATS -- PI, SO
STD  -- BIB, IPC, and NCL

IABS -- ABS, indented, with text labels
IBIB -- BIB, indented, with text labels
ISTD -- STD format, indented

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

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it is available.
The MAX format is the same as ALL.
```

The IALL format is the same as ALL with BIB ABS and IND indented,
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messages:

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HELP FORMATS -- To see detailed descriptions of the predefined formats.
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L6    ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2007 ACS on STN
RN    701909-63-9  REGISTRY
ED    Entered STN:  01 Jul 2004
CN    L-Cysteine, 5-oxo-D-prolylglycyl-L-valyl-L-cysteinyl-L-cysteinylglycyl-L-
      tyrosyl-L-lysyl-L-leucyl-L-cysteinyl-L-histidyl-(4R)-4-hydroxy-L-prolyl-,
      cyclic (4.fwdarw.13),(5.fwdarw.10)-bis(disulfide) (9CI)  (CA INDEX NAME)
OTHER NAMES:
CN    133: PN: WO2004050688 SEQID: 144 claimed protein
FS    PROTEIN SEQUENCE; STEREOSEARCH
MF    C58 H84 N16 O17 S4
SR    CA
LC    STN Files:  CA, CAPLUS, TOXCENTER, USPATFULL
```

**RELATED SEQUENCES AVAILABLE WITH SEQLINK**

Absolute stereochemistry.

**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

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              2 REFERENCES IN FILE CA (1907 TO DATE)
              2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
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=> s 701909-62-8
L7           1 701909-62-8
               (701909-62-8/RN)
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=> d L7 1 IDE
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L7    ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2007 ACS on STN
RN    701909-62-8  REGISTRY
ED    Entered STN:  01 Jul 2004
CN    L-Cysteine, 5-oxo-L-prolylglycyl-L-valyl-L-cysteinyl-L-cysteinylglycyl-L-
      tyrosyl-L-lysyl-L-leucyl-L-cysteinyl-L-histidyl-(4R)-4-hydroxy-L-prolyl-,
      cyclic (4.fwdarw.13),(5.fwdarw.10)-bis(disulfide) (9CI)  (CA INDEX NAME)
OTHER NAMES:
CN    131: PN: WO2004050688 SEQID: 142 claimed protein
FS    PROTEIN SEQUENCE; STEREOSEARCH
MF    C58 H84 N16 O17 S4
SR    CA
LC    STN Files:  CA, CAPLUS, TOXCENTER, USPATFULL
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**RELATED SEQUENCES AVAILABLE WITH SEQLINK**

Absolute stereochemistry.




**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

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                    2 REFERENCES IN FILE CAPLUS (1907 TO DATE)


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L8              0 710909-59-3

=> s 701909-59-3
L9              1 701909-59-3
                    (701909-59-3/RN)

=> d L9 1 IDE

L9    ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2007 ACS on STN
RN    701909-59-3  REGISTRY
ED    Entered STN:  01 Jul 2004
CN    L-Cysteinamide, 5-oxo-L-prolylglycyl-L-valyl-L-cysteinyl-L-
cysteinylglycyl-
      O-methyl-L-tyrosyl-L-lysyl-L-leucyl-L-cysteinyl-L-histidyl-(4R)-4-hydroxy-
      L-prolyl-, cyclic (4.fwdarw.13),(5.fwdarw.10)-bis(disulfide) (9CI)  (CA
      INDEX NAME)
FS    PROTEIN SEQUENCE; STEREOSEARCH
MF    C59 H87 N17 O16 S4
SR    CA
LC    STN Files:  CA, CAPLUS, TOXCENTER, USPATFULL

**RELATED SEQUENCES AVAILABLE WITH SEQLINK**

Absolute stereochemistry.








**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

                    1 REFERENCES IN FILE CA (1907 TO DATE)
                    1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

```
=> s 701909-58-2
L10         1 701909-58-2
                (701909-58-2/RN)

=> d L10 1 IDE

L10   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2007 ACS on STN
RN    701909-58-2   REGISTRY
ED    Entered STN:  01 Jul 2004
CN    D-Cysteinamide, 5-oxo-L-prolylglycyl-L-valyl-L-cysteinyl-L-
cysteinylglycyl-
      L-tyrosyl-L-lysyl-L-leucyl-L-cysteinyl-L-histidyl-(4R)-4-hydroxy-L-prolyl-
      , cyclic (5.fwdarw.10)-disulfide (9CI)   (CA INDEX NAME)
FS    PROTEIN SEQUENCE; STEREOSEARCH
MF    C58 H87 N17 O16 S4
SR    CA
LC    STN Files:   CA, CAPLUS, TOXCENTER, USPATFULL

**RELATED SEQUENCES AVAILABLE WITH SEQLINK**

Absolute stereochemistry.




**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

            1 REFERENCES IN FILE CA (1907 TO DATE)
            1 REFERENCES IN FILE CAPLUS (1907 TO DATE)


=> s 701909-57-1
L11         1 701909-57-1
                (701909-57-1/RN)

=> d L11 1 IDE

L11   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2007 ACS on STN
RN    701909-57-1   REGISTRY
ED    Entered STN:  01 Jul 2004
CN    L-Cysteinamide, 5-oxo-L-prolylglycyl-L-valyl-L-cysteinyl-L-
cysteinylglycyl-
      L-tyrosyl-L-lysyl-L-leucyl-L-cysteinyl-L-histidyl-(4R)-4-hydroxy-L-prolyl-
      , cyclic (4.fwdarw.13),(5.fwdarw.10)-bis(disulfide) (9CI)   (CA INDEX NAME)
FS    PROTEIN SEQUENCE; STEREOSEARCH
MF    C58 H85 N17 O16 S4
SR    CA
LC    STN Files:   CA, CAPLUS, TOXCENTER, USPATFULL

**RELATED SEQUENCES AVAILABLE WITH SEQLINK**

Absolute stereochemistry.
```

**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

             1 REFERENCES IN FILE CA (1907 TO DATE)
             1 REFERENCES IN FILE CAPLUS (1907 TO DATE)


=> s 701909-64-0
L12          1 701909-64-0
                (701909-64-0/RN)

=> d L12 1 IDE

L12  ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2007 ACS on STN
RN   701909-64-0  REGISTRY
ED   Entered STN:  01 Jul 2004
CN   L-Cysteinamide, 5-oxo-D-prolylglycyl-L-valyl-L-cysteinyl-L-
cysteinylglycyl-
     L-tyrosyl-L-lysyl-L-leucyl-L-cysteinyl-L-histidyl-(4R)-4-hydroxy-L-prolyl-
     , cyclic (4.fwdarw.13),(5.fwdarw.10)-bis(disulfide) (9CI)  (CA INDEX NAME)
FS   PROTEIN SEQUENCE; STEREOSEARCH
MF   C58 H85 N17 O16 S4
SR   CA
LC   STN Files:  CA, CAPLUS, TOXCENTER, USPATFULL

**RELATED SEQUENCES AVAILABLE WITH SEQLINK**

Absolute stereochemistry.


**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

             1 REFERENCES IN FILE CA (1907 TO DATE)
             1 REFERENCES IN FILE CAPLUS (1907 TO DATE)


Absolute stereochemistry.

```
**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

            1 REFERENCES IN FILE CA (1907 TO DATE)
            1 REFERENCES IN FILE CAPLUS (1907 TO DATE)


=>  FIL REGISTRY

COST IN U.S. DOLLARS                            SINCE FILE      TOTAL
                                                  ENTRY        SESSION
FULL ESTIMATED COST                               39.57        125.05


DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)      SINCE FILE      TOTAL
                                                  ENTRY        SESSION
CA SUBSCRIBER PRICE                               0.00         -1.56

FILE 'REGISTRY' ENTERED AT 17:42:22 ON 26 JAN 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
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STRUCTURE FILE UPDATES:   25 JAN 2007   HIGHEST RN 918475-45-3
DICTIONARY FILE UPDATES:  25 JAN 2007   HIGHEST RN 918475-45-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

  Please note that search-term pricing does apply when
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REGISTRY includes numerically searchable data for experimental and
predicted properties as well as tags indicating availability of
experimental property data in the original document.  For information
on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

=>  SET TERMSET E#

SET COMMAND COMPLETED

=>  DEL SEL Y


=>  SEL L11 1 RN

E1 THROUGH E1 ASSIGNED

=>  S E1/RN

L13          1 701909-57-1/RN

=>  SET TERMSET LOGIN

SET COMMAND COMPLETED

=>  FIL USPATFULL
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FILE 'USPATFULL' ENTERED AT 17:42:26 ON 26 JAN 2007
CA INDEXING COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 25 Jan 2007 (20070125/PD)
FILE LAST UPDATED: 25 Jan 2007 (20070125/ED)
HIGHEST GRANTED PATENT NUMBER: US2007015693
HIGHEST APPLICATION PUBLICATION NUMBER: US2007022507
CA INDEXING IS CURRENT THROUGH 25 Jan 2007 (20070125/UPCA)
ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 25 Jan 2007 (20070125/PD)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Jun 2006
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Jun 2006


=>  S L13

L14          1 L13

=> d L14 1 full
'FULL' IS NOT A VALID FORMAT FOR FILE 'USPATFULL'

The following are valid formats:

The default display format is STD.

```
ABS -------- AB
ALL -------- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, PTERM, DCD,
             RLI, PRAI, DT, FS, REP, REN, EXNAM, LREP, CLMN, ECL,
             DRWN, AB, GOVI, PARN, SUMM, DRWD, DETD, CLM, INCL,
             INCLM, INCLS, NCL, NCLM, NCLS, IC, IPCI,
             IPCI-2, IPCR, EXF, ARTU
ALLG ------- ALL plus PAGE.DRAW
BIB -------- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, PTERM, DCD, RLI,
             PRAI, DT, FS, EXNAM, LREP, CLMN, ECL, DRWN, LN.CNT
BIB.EX ----- BIB for original and latest publication
BIBG ------- BIB plus PAGE.DRAW
BROWSE ----- See "HELP BROWSE" or "HELP DISPLAY BROWSE".  BROWSE must
             entered on the same line as DISPLAY, e.g., D BROWSE.
CAS -------- OS, CC, SX, ST, IT
CBIB ------- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, PRAI, DT, FS
DALL ------- ALL, delimited for post-processing
FP --------- PI, TI, IN, INA, PA, PAA, PAT, PTERM, DCD, AI, RLI,
             PRAI, IC, IPCI, IPCI-2, IPCR, INCL, INCLM, INCLS, NCL,
             NCLM, NCLS, EXF, REP, REN, ARTU, EXNAM, LREP,
             CLMN, DRWN, AB
FP.EX ------ FP for original and latest publication
FPALL ------ PI, TI, IN, INA, PA, PAA, PAT, PETRM, DCD, AI,
             RLI, PRAI, IC, IPCI, IPCI-2, IPCR, INCL, INCLM, INCLS, NCL, NCLM,
             NCLS, EXF, REP, REN, ARTU, EXNAM, LREP, CLMN, DRWN, AB,
             PARN, SUMM, DRWD, DETD, CLM
FPBIB ------ PI, TI, IN, INA, PA, PAA, PAT, PTERM, DCD, AI,
             RLI, PRAI, REP, REN, EXNAM, LREP, CLM, CLMN, DRWN
FHITSTR ---- HIT RN, its text modification, its CA index name, and
             its structure diagram
FPG -------- FP plus PAGE.DRAW
```

```
GI --------- PN and page image numbers
HIT -------- All fields containing hit terms
HITRN ------ HIT RN and its text modification
HITSTR ----- HIT RN, its text modification, its CA index name, and
             its structure diagram
IABS ------- ABS, indented with text labels
IALL ------- ALL, indented with text labels
IALLG ------ IALL plus PAGE.DRAW
IBIB ------- BIB, indented with text labels
IBIB.EX ---- IBIB for original and latest publication
IBIBG ------ IBIB plus PAGE.DRAW
IMAX ------- MAX, indented with text labels
IMAX.EX ---- IMAX for original and latest publication
IND -------- INCL, INCLM, INCLS, NCL, NCLM, NCLS, IC, IPCI, IPCI-2, IPCR,
             EXF, ARTU, OS, CC, SX, ST, IT
IPC.TAB ---- IPC in tabular format
ISTD ------- STD, indented with text labels
KWIC ------- All hit terms plus 20 words on either side
MAX -------- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, PTERM, DCD,
             RLI, PRAI, DT, FS, REP, REN, EXNAM, LREP, CLMN, ECL,
             DRWN, AB, GOVI, PARN, SUMM, DRWD, DETD, CLM, INCL,
             INCLM, INCLS, NCL, NCLM, NCLS, IC, IPCI, IPCI-2,
             IPCR, EXF, ARTU OS, CC, SX, ST, IT
MAX.EX ----- MAX for original and latest publication
OCC -------- List of display fields containing hit terms
SBIB ------- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, RLI, PRAI,
             DT, FS, LN.CNT
STD -------- AN, TI, IN, INA, PA, PAA, PAT, PI, AI, RLI, PRAI,
             DT, FS, LN.CNT, INCL, INCLM, INCLS, NCL, NCLM, NCLS,
             IC, IPCI, IPCI-2, IPCR, EXF (STD is the default)
STD.EX ----- STD for original and latest publication
TRIAL ------ AN, TI, INCL, INCLM, INCLS, NCL, NCLM, NCLS, IC,
             IPCI, IPCI-2, IPCR

SCAN ------- AN, TI, NCL, NCLM, NCLS, IC, IPCI, IPCI-2, IPCR(random display
             without answer number.  SCAN must be entered on the
             same line as DISPLAY, e.g., D SCAN)
ENTER DISPLAY FORMAT (STD):STD

L14   ANSWER 1 OF 1  USPATFULL on STN
AN       2006:167690  USPATFULL
TI       Novel x-conotoxin peptides (-1)
IN       Lewis, Richard James, Woolloongabba, AUSTRALIA
         Alewood, Paul Francis, Pullenvale, AUSTRALIA
         Alewood, Dianne, Pullenvale, AUSTRALIA
         Palant, Elka, Kenmore, AUSTRALIA
PI       US 2006142201      A1   20060629
AI       US 2003-537704     A1   20031202 (10)
         WO 2003-AU1605          20031202
                                 20051212   PCT 371 date
PRAI     US 2002-430306P    20021202 (60)
DT       Utility
FS       APPLICATION
LN.CNT 1458
INCL     INCLM: 514/014.000
         INCLS: 530/328.000; 514/015.000
NCL      NCLM:  514/014.000
         NCLS:  514/015.000; 530/328.000
IC       IPCI  A61K0038-10 [I,A]; C07K0007-08 [I,A]; C07K0007-00 [I,C*]
         IPCR  A61K0038-10 [I,A]; A61K0038-10 [I,C]; C07K0007-00 [I,C];
               C07K0007-08 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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